

## **FISCAL YEAR 2011-12**

### **Technical Skill Assessments Approved for Measuring Technical Skill Attainment for CATE Program Completers**

#### **Purpose and Use**

South Carolina's State Plan for the federal Perkins Act of 2006 (Perkins IV) requires the state to use technical skill assessments aligned with industry recognized standards, if available and appropriate, to measure technical skill attainment under Perkins Indicator 2S1. The Office of Career and Technology Education (OCTE) supports the use of valid and reliable technical skill assessments for Indicator 2S1 and for career center and high school report cards and must report annually on the state's progress in this area. Significant effort has been focused on increasing the number of students taking approved assessments and in identifying present and potential providers of technical skill assessments that can deliver reliable and usable data on a statewide basis for Perkins Indicator 2S1.

The OCTE reserved a portion of the Perkins funding for FY 2011, FY 2012, and FY 2013 to award a financial incentive to school districts/multi-district career centers for CATE program completers whose technical skill assessment results were reported by approved providers in the required format for school years 2008–09, 2009–10, and 2010–11. In March 2011, the baseline data the OCTE needed to negotiate performance goals for Indicator 2S1 for 2011–12 and 2012–13 (the last two years under Perkins IV) was available for only one program, Health Science. Therefore, the state received approval to measure performance for Indicator 2S1 for 2011–12 and 2012–13 using a combination of the *assessment results* for Health Science completers and CATE grade point average (GPA) for all other CATE program completers.

While there was considerable improvement in the data reported for 2010–11, the preliminary analysis indicates that challenges remain in matching student data in PowerSchool with assessment results on a statewide basis. The OCTE ranked the assessments approved for 2011–12 according to the percentage of student records that have been matched with the 2010–11 results from the provider. The OCTE continues to promote the use of approved technical skill assessments for CATE completers and will analyze and use the data obtained for all approved assessments in 2011–12 to enhance the state accountability system for CATE programs. School districts and multi-district career centers must continue to report their annual progress in implementing the approved technical skill assessments for CATE students and their plans to increase the use of approved technical skill assessments under Perkins IV.

Due to the current reduction in the federal Perkins funds and the pending reauthorization of the Perkins IV legislation, the OCTE may not continue to use "Reserve" funds to award a financial incentive for technical skill assessments administered in 2011–12 and subsequent reporting years. School districts and multi-district career centers may budget federal Perkins funds under the CATE Local Plan to implement approved technical skill assessments for CATE completers and should make every effort to provide these assessments and results in 2011–12. The real incentive for assessing and documenting CATE student technical skill attainment is the accountability essential to ensuring continued state and federal funding for South Carolina's CATE programs.

**OFFICE OF CAREER AND TECHNOLOGY EDUCATION  
APROVED TECHNICAL SKILL ASSESSMENTS  
FISCAL YEAR 2011-12**

Results received for 2010-2011 assessments were categorized based on preliminary data results matching to the end-of-year PowerSchool data for CATE completers, using the 11 required fields of test results data that assessment providers delivered to the OCTE. For the preliminary matching of results to students, a ranking of 1, 2, or 3 was assigned.

A ranking of 1 was given to results for which >75% of the students could be matched to PowerSchool data, a ranking of 2 was given to results for which 50-75% of students could be matched to PowerSchool data, and a ranking of 3 was given to results for which <50% of students could be matched to PowerSchool data.

**AGRICULTURE, FOOD, AND NATURAL RESOURCES**

<b>PROGRAM NAME/ CIP CODE</b>	<b>ASSESSMENT NAME</b>	<b>RANKING BY DATA MATCH</b>	<b>ASSESSMENT PROVIDER</b>	<b>OCTE CONTACT</b>	<b>COST PER STUDENT</b>
Agricultural Mechanics and Technology/ 010205	Agricultural Mechanics and Technology (pilot)	1	Clemson University	Billy Keels 803-896-8873 wkeels@clemson.edu	\$0
Environmental and Natural Resources Management/ 030101	Environmental and Natural Resources Management (pilot)	2	Clemson University	Billy Keels/ 803-896-8873 wkeels@clemson.edu	\$0
Horticulture/ 010601	Horticulture (pilot)	2	Clemson University	Billy Keels 803-896-8873 wkeels@clemson.edu	\$0
Plant and Animal Systems/ 01101	Plant and Animal Systems (pilot)	2	Clemson University	Billy Keels 803-896-8873 wkeels@clemson.edu	\$0

### ARCHITECTURE AND CONSTRUCTION

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	RANKING BY DATA MATCH	ASSESSMENT PROVIDER	OCTE CONTACT	COST PER STUDENT
Air Conditioning and Refrigeration Technology/ 470201	HVAC (pilot) NEW	n/a	CTECS/ <a href="http://www.ctecs.org/ctecs_assessment_materials.htm">http://www.ctecs.org/ctecs_assessment_materials.htm</a>	Jim Spencer 803-734-8267 <a href="mailto:jspencer@ed.sc.gov">jspencer@ed.sc.gov</a>	\$4
Architectural/ Mechanical Design/ 151301	Architectural Design (pilot)	1	CTECS/ <a href="http://www.ctecs.org/ctecs_assessment_materials.htm">http://www.ctecs.org/ctecs_assessment_materials.htm</a>	B. T. Martin 803-734-3398 <a href="mailto:btmartin@ed.sc.gov">btmartin@ed.sc.gov</a>	\$4
Architectural/ Mechanical Design/ 151301	Mechanical Design (pilot)	1	CTECS/ <a href="http://www.ctecs.org/ctecs_assessment_materials.htm">http://www.ctecs.org/ctecs_assessment_materials.htm</a>	B. T. Martin 803-734-3398 <a href="mailto:btmartin@ed.sc.gov">btmartin@ed.sc.gov</a>	\$4
Building Construction Cluster/ 460000	Building Construction Cluster (pilot)	1	CTECS/ <a href="http://www.ctecs.org/ctecs_assessment_materials.htm">http://www.ctecs.org/ctecs_assessment_materials.htm</a>	Jim Spencer 803-734-8267 <a href="mailto:jspencer@ed.sc.gov">jspencer@ed.sc.gov</a>	\$4
Cabinetmaking/ 480	Cabinetmaking (NCCER Standardized End of Module Test, Core only)	No students took assessment	Clarkson Professional Consulting/ Jackie Clarkson <a href="mailto:JClarkson6@aol.com">JClarkson6@aol.com</a>	Jim Spencer 803-734-8267 <a href="mailto:jspencer@ed.sc.gov">jspencer@ed.sc.gov</a>	\$0
Carpentry/ 460201	Carpentry (pilot)	1	CTECS/ <a href="http://www.ctecs.org/ctecs_assessment_materials.htm">http://www.ctecs.org/ctecs_assessment_materials.htm</a>	Jim Spencer 803-734-8267 <a href="mailto:jspencer@ed.sc.gov">jspencer@ed.sc.gov</a>	\$4
Electricity/ 460301	Electricity (pilot) NEW	n/a	CTECS/ <a href="http://www.ctecs.org/ctecs_assessment_materials.htm">http://www.ctecs.org/ctecs_assessment_materials.htm</a>	Jim Spencer 803-734-8267 <a href="mailto:jspencer@ed.sc.gov">jspencer@ed.sc.gov</a>	\$4

**ARCHITECTURE AND CONSTRUCTION continued**

<b>PROGRAM NAME/ CIP CODE</b>	<b>ASSESSMENT NAME</b>	<b>RANKING BY DATA MATCH</b>	<b>ASSESSMENT PROVIDER</b>	<b>OCTE CONTACT</b>	<b>COST PER STUDENT</b>
Masonry/ 460101	Masonry (pilot) NEW	n/a	CTECS/ <a href="http://www.ctecs.org/ctecs_assessment_materials.htm">http://www.ctecs.org/ctecs_assessment_materials.htm</a>	Jim Spencer 803-734-8267 <a href="mailto:jspencer@ed.sc.gov">jspencer@ed.sc.gov</a>	\$4
Plumbing/ 460503	Plumbing (available 2d semester)	n/a	CTECS/ <a href="http://www.ctecs.org/ctecs_assessment_materials.htm">http://www.ctecs.org/ctecs_assessment_materials.htm</a>	Jim Spencer 803-734-8267 <a href="mailto:jspencer@ed.sc.gov">jspencer@ed.sc.gov</a>	\$4

**ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS CLUSTER**

<b>PROGRAM NAME/ CIP CODE</b>	<b>ASSESSMENT NAME</b>	<b>RANKING BY DATA MATCH</b>	<b>ASSESSMENT PROVIDER</b>	<b>OCTE CONTACT</b>	<b>COST PER STUDENT</b>
Fashion Design and Apparel Construction/ 500407	Fashion, Textiles, and Apparel	1	AAFCS/ <a href="http://www.aafcs.org/CredentialingCenter/PrePAC.asp">www.aafcs.org/CredentialingCenter/PrePAC.asp</a>	Eleanor Glover 803-734-3826 <a href="mailto:eglover@ed.sc.gov">eglover@ed.sc.gov</a>	\$20
Interior Design/ 500408	Interior Design Fundamentals	No students took assessment	AAFCS/ <a href="http://www.aafcs.org/CredentialingCenter/PrePAC.asp">www.aafcs.org/CredentialingCenter/PrePAC.asp</a>	Eleanor Glover 803-734-3826 <a href="mailto:eglover@ed.sc.gov">eglover@ed.sc.gov</a>	\$20

### BUSINESS MANAGEMENT AND ADMINISTRATION

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	RANKING BY DATA MATCH	ASSESSMENT PROVIDER	OCTE CONTACT	COST PER STUDENT
Accounting/ 520301	Accounting (pilot)	1	CTECS/ <a href="http://www.ctecs.org/ctecs_assessment_materials.htm">http://www.ctecs.org/ctecs_assessment_materials.htm</a>	Tony Dillon 803-734-7168 <a href="mailto:tdillon@ed.sc.gov">tdillon@ed.sc.gov</a>	\$4
Administrative Services/ 520401	Administrative Services (pilot) NEW	n/a	CTECS/ <a href="http://www.ctecs.org/ctecs_assessment_materials.htm">http://www.ctecs.org/ctecs_assessment_materials.htm</a>	Tony Dillon 803-734-7168 <a href="mailto:tdillon@ed.sc.gov">tdillon@ed.sc.gov</a>	\$4
General Management/ 520201	General Management (pilot)	1	CTECS/ <a href="http://www.ctecs.org/ctecs_assessment_materials.htm">http://www.ctecs.org/ctecs_assessment_materials.htm</a>	Tony Dillon 803-734-7168 <a href="mailto:tdillon@ed.sc.gov">tdillon@ed.sc.gov</a>	\$4
Operations Management/ 520204	Operations Management (pilot) NEW	n/a	CTECS/ <a href="http://www.ctecs.org/ctecs_assessment_materials.htm">http://www.ctecs.org/ctecs_assessment_materials.htm</a>	Tony Dillon 803-734-7168 <a href="mailto:tdillon@ed.sc.gov">tdillon@ed.sc.gov</a>	\$4

### EDUCATION AND TRAINING

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	RANKING BY DATA MATCH	ASSESSMENT PROVIDER	OCTE CONTACT	COST PER STUDENT
Early Childhood Education/ 131210	Early Childhood Education	1	AAFCS/ <a href="http://www.aafcs.org/CredentialingCenter/PrePAC.asp">www.aafcs.org/CredentialingCenter/PrePAC.asp</a>	Eleanor Glover 803-734-3826 <a href="mailto:eglover@ed.sc.gov">eglover@ed.sc.gov</a>	\$20
Introduction to Teaching/ 130101	Education Fundamentals	No students took assessment	AAFCS/ <a href="http://www.aafcs.org/CredentialingCenter/PrePAC.asp">www.aafcs.org/CredentialingCenter/PrePAC.asp</a>	Eleanor Glover 803-734-3826 <a href="mailto:eglover@ed.sc.gov">eglover@ed.sc.gov</a>	\$20

## HEALTH SCIENCE

<b>PROGRAM NAME/ CIP CODE</b>	<b>ASSESSMENT NAME</b>	<b>RANKING BY DATA MATCH</b>	<b>ASSESSMENT PROVIDER</b>	<b>OCTE CONTACT</b>	<b>COST PER STUDENT</b>
Health Science/ 510000	National Health Science Assessment	1	National Consortium for Health Science Education/ <a href="http://www.healthsciencetest.com">www.healthsciencetest.com</a>	Nancy Allen 803-734-0372 <a href="mailto:nallen@ed.sc.gov">nallen@ed.sc.gov</a>	\$12
Project Lead The Way Biomedical Sciences/ 260102	Human Body Systems	1	PLTW/ <a href="http://www.pltw.org/program-support/assessment-evaluation">http://www.pltw.org/program-support/assessment-evaluation</a>	Nancy Allen 803-734-0372 <a href="mailto:nallen@ed.sc.gov">nallen@ed.sc.gov</a>	\$0
Project Lead The Way Biomedical Sciences/ 260102	Medical Interventions	1	PLTW/ <a href="http://www.pltw.org/program-support/assessment-evaluation">http://www.pltw.org/program-support/assessment-evaluation</a>	Nancy Allen 803-734-0372 <a href="mailto:nallen@ed.sc.gov">nallen@ed.sc.gov</a>	\$0
Project Lead The Way Biomedical Sciences/ 260102	Principles of Biomedical Sciences	1	PLTW/ <a href="http://www.pltw.org/program-support/assessment-evaluation">http://www.pltw.org/program-support/assessment-evaluation</a>	Nancy Allen 803-734-0372 <a href="mailto:nallen@ed.sc.gov">nallen@ed.sc.gov</a>	\$0

## HOSPITALITY AND TOURISM

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	RANKING BY DATA MATCH	ASSESSMENT PROVIDER	OCTE CONTACT	COST PER STUDENT
Culinary Arts/ 520905	Culinary Arts	2	AAFCS/ <a href="http://www.aafcs.org/CredentialingCenter/PrePAC.asp">www.aafcs.org/CredentialingCenter/PrePAC.asp</a>	Eleanor Glover 803-734-3826 <a href="mailto:eglover@ed.sc.gov">eglover@ed.sc.gov</a>	\$20
Culinary Arts/ 520905	ProStart, Level 2	3	Hospitality Association of South Carolina/ <a href="http://www.prostart.restaurant.org">www.prostart.restaurant.org</a>	Eleanor Glover 803-734-3826 <a href="mailto:eglover@ed.sc.gov">eglover@ed.sc.gov</a>	\$18
Hospitality Management and Operations/ 520904	Lodging Management Program	3	Hospitality Association of South Carolina/ <a href="http://www.lodgingmanagement.org">www.lodgingmanagement.org</a>	Eleanor Glover 803-734-3826 <a href="mailto:eglover@ed.sc.gov">eglover@ed.sc.gov</a>	\$25

## HUMAN SERVICES

<b>PROGRAM NAME/ CIP CODE</b>	<b>ASSESSMENT NAME</b>	<b>RANKING BY DATA MATCH</b>	<b>ASSESSMENT PROVIDER</b>	<b>OCTE CONTACT</b>	<b>COST PER STUDENT</b>
Family and Consumer Sciences/ 190101	Broad Field FCS	1	AAFCS/ <a href="http://www.aafcs.org/CredentialingCenter/PrePAC.asp">www.aafcs.org/CredentialingCenter/PrePAC.asp</a>	Eleanor Glover 803-734-3826 <a href="mailto:eglover@ed.sc.gov">eglover@ed.sc.gov</a>	\$20
Family and Consumer Sciences-Option 1/ 190101	Family and Community Services	No students took assessment	AAFCS/ <a href="http://www.aafcs.org/CredentialingCenter/PrePAC.asp">www.aafcs.org/CredentialingCenter/PrePAC.asp</a>	Eleanor Glover 803-734-3826 <a href="mailto:eglover@ed.sc.gov">eglover@ed.sc.gov</a>	\$20
Family and Consumer Sciences-Option 1/ 190101	Personal and Family Finance	No students took assessment	AAFCS/ <a href="http://www.aafcs.org/CredentialingCenter/PrePAC.asp">www.aafcs.org/CredentialingCenter/PrePAC.asp</a>	Eleanor Glover 803-734-3826 <a href="mailto:eglover@ed.sc.gov">eglover@ed.sc.gov</a>	\$20
Family and Consumer Sciences-Option 2/ 190101	Housing and Furnishings	No students took assessment	AAFCS/ <a href="http://www.aafcs.org/CredentialingCenter/PrePAC.asp">www.aafcs.org/CredentialingCenter/PrePAC.asp</a>	Eleanor Glover 803-734-3826 <a href="mailto:eglover@ed.sc.gov">eglover@ed.sc.gov</a>	\$20
Family and Consumer Sciences-Option 3/ 190101	Nutrition, Food, and Wellness	1	AAFCS/ <a href="http://www.aafcs.org/CredentialingCenter/PrePAC.asp">www.aafcs.org/CredentialingCenter/PrePAC.asp</a>	Eleanor Glover 803-734-3826 <a href="mailto:eglover@ed.sc.gov">eglover@ed.sc.gov</a>	\$20
Food Science and Dietetics/ 190501	Food Science Fundamentals	No students took assessment	AAFCS/ <a href="http://www.aafcs.org/CredentialingCenter/PrePAC.asp">www.aafcs.org/CredentialingCenter/PrePAC.asp</a>	Eleanor Glover 803-734-3826 <a href="mailto:eglover@ed.sc.gov">eglover@ed.sc.gov</a>	\$20



### MANUFACTURING

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	RANKING BY DATA MATCH	ASSESSMENT PROVIDER	OCTE CONTACT	COST PER STUDENT
Welding Technology/ 480508	Welding (pilot)	1	CTECS/ <a href="http://www.ctecs.org/ctecs_assessment_materials.htm">http://www.ctecs.org/ctecs_assessment_materials.htm</a>	Jim Spencer 803-734-8267 <a href="mailto:jspencer@ed.sc.gov">jspencer@ed.sc.gov</a>	\$4

### MARKETING

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	RANKING BY DATA MATCH	ASSESSMENT PROVIDER	OCTE CONTACT	COST PER STUDENT
Marketing Communications/ 090903	Marketing Communications (pilot) NEW	n/a	CTECS/ <a href="http://www.ctecs.org/ctecs_assessment_materials.htm">http://www.ctecs.org/ctecs_assessment_materials.htm</a>	Tony Dillon 803-734-7168 <a href="mailto:tdillon@ed.sc.gov">tdillon@ed.sc.gov</a>	\$4
Marketing Management/ 521401	Marketing Management (pilot) NEW	n/a	CTECS/ <a href="http://www.ctecs.org/ctecs_assessment_materials.htm">http://www.ctecs.org/ctecs_assessment_materials.htm</a>	Tony Dillon 803-734-7168 <a href="mailto:tdillon@ed.sc.gov">tdillon@ed.sc.gov</a>	\$4

**SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM)**

<b>PROGRAM NAME/ CIP CODE</b>	<b>ASSESSMENT NAME</b>	<b>RANKING BY DATA MATCH</b>	<b>ASSESSMENT PROVIDER</b>	<b>OCTE CONTACT</b>	<b>COST PER STUDENT</b>
Project Lead The Way/ 140101	Aerospace Engineering	1	PLTW/ <a href="http://www.pltw.org/program-support/assessment-evaluation">http://www.pltw.org/program-support/assessment-evaluation</a>	B. T. Martin 803-734-3398 <a href="mailto:btmartin@ed.sc.gov">btmartin@ed.sc.gov</a>	\$0
Project Lead The Way/ 140101	Biotechnical Engineering	1	PLTW/ <a href="http://www.pltw.org/program-support/assessment-evaluation">http://www.pltw.org/program-support/assessment-evaluation</a>	B. T. Martin 803-734-3398 <a href="mailto:btmartin@ed.sc.gov">btmartin@ed.sc.gov</a>	\$0
Project Lead The Way/ 140101	Civil Engineering and Architecture	1	PLTW/ <a href="http://www.pltw.org/program-support/assessment-evaluation">http://www.pltw.org/program-support/assessment-evaluation</a>	B. T. Martin 803-734-3398 <a href="mailto:btmartin@ed.sc.gov">btmartin@ed.sc.gov</a>	\$0
Project Lead The Way/ 140101	Computer Integrated Manufacturing	1	PLTW/ <a href="http://www.pltw.org/program-support/assessment-evaluation">http://www.pltw.org/program-support/assessment-evaluation</a>	B. T. Martin 803-734-3398 <a href="mailto:btmartin@ed.sc.gov">btmartin@ed.sc.gov</a>	\$0
Project Lead The Way/ 140101	Digital Electronics	1	PLTW/ <a href="http://www.pltw.org/program-support/assessment-evaluation">http://www.pltw.org/program-support/assessment-evaluation</a>	B. T. Martin 803-734-3398 <a href="mailto:btmartin@ed.sc.gov">btmartin@ed.sc.gov</a>	\$0
Project Lead The Way/ 140101	Introduction to Engineering	1	PLTW/ <a href="http://www.pltw.org/program-support/assessment-evaluation">http://www.pltw.org/program-support/assessment-evaluation</a>	B. T. Martin 803-734-3398 <a href="mailto:btmartin@ed.sc.gov">btmartin@ed.sc.gov</a>	\$0
Project Lead The Way/ 140101	Principles of Engineering	1	PLTW/ <a href="http://www.pltw.org/program-support/assessment-evaluation">http://www.pltw.org/program-support/assessment-evaluation</a>	B. T. Martin 803-734-3398 <a href="mailto:btmartin@ed.sc.gov">btmartin@ed.sc.gov</a>	\$0

### TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	RANKING BY DATA MATCH	ASSESSMENT PROVIDER	OCTE CONTACT	COST PER STUDENT
Automotive Collision Repair Technology/ 470603	Non-Structural Analysis/Damage Repair	Assessment results not submitted to OCTE	NATEF/call Dena Feagin at 803- 252-0205 for processing before registering at Today's Class/ <a href="mailto:dfeagin@scada.org">dfeagin@scada.org</a> <a href="http://www.todaysclass.com">www.todaysclass.com</a>	B. T. Martin 803-734-3398 <a href="mailto:btmartin@ed.sc.gov">btmartin@ed.sc.gov</a>	\$15
Automotive Collision Repair Technology/ 470603	Painting and Refinishing	Assessment results not submitted to OCTE	NATEF/call Dena Feagin at 803- 252-0205 for processing before registering at Today's Class/ <a href="mailto:dfeagin@scada.org">dfeagin@scada.org</a> <a href="http://www.todaysclass.com">www.todaysclass.com</a>	B. T. Martin 803-734-3398 <a href="mailto:btmartin@ed.sc.gov">btmartin@ed.sc.gov</a>	\$15
Automotive Technology/ 470604	Brakes	3	Today's Class/ <a href="http://www.todaysclass.com">www.todaysclass.com</a>	B. T. Martin 803-734-3398 <a href="mailto:btmartin@ed.sc.gov">btmartin@ed.sc.gov</a>	\$5
Automotive Technology/ 470604	Electrical/Electronic Systems	3	Today's Class/ <a href="http://www.todaysclass.com">www.todaysclass.com</a>	B. T. Martin 803-734-3398 <a href="mailto:btmartin@ed.sc.gov">btmartin@ed.sc.gov</a>	\$5
Automotive Technology/ 470604	Engine Performance	3	Today's Class/ <a href="http://www.todaysclass.com">www.todaysclass.com</a>	B. T. Martin 803-734-3398 <a href="mailto:btmartin@ed.sc.gov">btmartin@ed.sc.gov</a>	\$5
Automotive Technology/ 470604	Suspension and Steering	3	Today's Class/ <a href="http://www.todaysclass.com">www.todaysclass.com</a>	B. T. Martin 803-734-3398 <a href="mailto:btmartin@ed.sc.gov">btmartin@ed.sc.gov</a>	\$5